

Supplementary Online Content

Hill KA, Samuels EA, Gross CP, et al. Assessment of the prevalence of Medical student mistreatment by sex, race/ethnicity, and sexual orientation. *JAMA Intern Med*. Published online February 24, 2020. doi:10.1001/jamainternmed.2020.0030

eFigure. 2016 and 2017 Association of American Medical Colleges Graduation Questionnaire (AAMC GQ) Mistreatment Questions

eTable. Percentage of Students Reporting Each Frequency of Behavior

This supplementary material has been provided by the authors to give readers additional information about their work.

eFigure. 2016 and 2017 Association of American Medical Colleges Graduation Questionnaire (AAMC GQ) mistreatment questions

For each of the following behaviors please indicate the frequency you personally experienced that behavior during medical school. Include in your response any behaviors performed by faculty, nurses, residents/interns, other institution employees or staff, and other students. Please do not include behaviors performed by patients.

During medical school how frequently have you...

Been publicly embarrassed?	Never	Once	Occasionally	Frequently
Been publicly humiliated?	Never	Once	Occasionally	Frequently
Been threatened with physical harm?	Never	Once	Occasionally	Frequently
Been physically harmed?	Never	Once	Occasionally	Frequently
Been required to perform personal service?	Never	Once	Occasionally	Frequently
Been subjected to unwanted sexual advances?	Never	Once	Occasionally	Frequently
Been asked to exchange sexual favors for grades or other rewards?	Never	Once	Occasionally	Frequently
Been denied opportunities for training or other rewards based on gender?	Never	Once	Occasionally	Frequently
Been subjected to sexist remarks/names?	Never	Once	Occasionally	Frequently
Received lower evaluations or grades solely because of gender rather than performance?	Never	Once	Occasionally	Frequently
Been denied opportunities for training or other rewards based on sexual orientation?	Never	Once	Occasionally	Frequently
Been subjected to offensive remarks/names related to sexual orientation?	Never	Once	Occasionally	Frequently
Received lower evaluations or grades solely because of sexual orientation rather than performance?	Never	Once	Occasionally	Frequently
Been denied opportunities for training or other rewards based on race/ethnicity?	Never	Once	Occasionally	Frequently
Been subjected to racially or ethnically offensive remarks/names?	Never	Once	Occasionally	Frequently
Received lower evaluations or grades solely because of race/ethnicity rather than performance?	Never	Once	Occasionally	Frequently
Been subjected to negative or offensive behaviors not described above?	Never	Once	Occasionally	Frequently

eTable. Percentage of students reporting each frequency of behavior

	Male	Female	White	Asian	URM	Multiracial	Heterosexual	LGB
Publicly embarrassed								
Never	62.2	53.2	57.4	60.3	57.7	55.8	58.4	49.1
Once	17.8	23.7	20.0	21.5	23.1	20.8	20.6	21.8
Occasionally	19.1	22.1	21.8	17.3	17.8	22.2	20.1	26.9
Frequently	0.9	0.9	0.8	0.9	1.4	1.2	0.8	2.2
Publicly humiliated								
Never	80.5	77.1	80.4	77.6	75.4	75.9	79.3	72.9
Once	11.1	14.2	11.6	13.7	14.5	14.3	12.4	14.4
Occasionally	7.9	8.2	7.6	8.3	9.0	9.1	7.8	11.3
Frequently	0.6	0.4	0.4	0.5	1.1	0.7	0.4	1.3
Threatened with physical harm								
Never	98.3	99.0	98.8	98.3	98.8	98.0	98.7	97.9
Once	1.2	0.8	0.9	1.0	0.9	1.4	0.9	1.6
Occasionally	0.4	0.1	0.2	0.5	0.2	0.5	0.3	0.3
Frequently	0.1	0	0	0.1	0.1	0.1	0.1	0.2
Physically harmed								
Never	98.2	98.3	98.5	98	97.5	97.5	98.3	97.3
Once	1.4	1.6	1.3	1.4	2.2	2.1	1.4	2.1
Occasionally	0.3	0.2	0.1	0.4	0.2	0.4	0.2	0.3
Frequently	0.1	0	0	0.1	0	0	0	0.3
Required to perform personal services								
Never	94.7	93.6	94.5	94.1	93.8	93.1	94.4	91.2
Once	3.5	4.4	3.8	4.1	3.9	4.4	3.8	6.0
Occasionally	1.6	1.8	1.6	1.7	2.0	2.4	1.6	2.5
Frequently	0.2	0.1	0.1	0.2	0.3	0.2	0.1	0.3
Subjected to unwanted sexual advances								
Never	98.7	93.2	96.0	96.8	96.5	94.2	96.3	92.3
Once	0.8	4.4	2.6	2.0	2.1	3.5	2.4	4.5
Occasionally	0.4	2.2	1.3	1.0	1.2	2.2	1.2	2.9
Frequently	0.1	0.2	0.1	0.2	0.2	0	0.1	0.3
Asked to exchange sexual favors for grades or other rewards								

Never	99.7	99.8	99.8	99.6	99.8	99.8	99.8	99.5
Once	0.1	0.2	0.1	0.2	0	0.1	0.1	0.3
Occasionally	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0
Frequently	0.1	0	0	0.1	0	0	0	0.2
Subjected to negative or offensive behavior(s) not described above								
Never	95.3	93.3	92.5	92.9	90.6	90.7	92.7	85.9
Once	1.9	3.6	3.8	3.6	4.6	4.3	3.7	6.4
Occasionally	2.4	2.8	3.2	2.9	3.7	4.0	3.0	6.5
Frequently	0.4	0.3	0.4	0.6	1.1	1.0	0.5	1.3
Denied opportunities for training or rewards based on gender								
Never	95.3	93.3						
Once	1.9	3.6						
Occasionally	2.4	2.8						
Frequently	0.4	0.3						
Subjected to sexist remarks/names								
Never	96.6	75.7						
Once	1.6	11.9						
Occasionally	1.6	11.6						
Frequently	0.2	0.9						
Received lower evaluations or grades solely because of gender rather than performance								
Never	95.4	93.2						
Once	3.1	4.5						
Occasionally	1.2	2.0						
Frequently	0.3	0.3						
Denied opportunities for training or rewards based on race or ethnicity								
Never			98.5	95.6	92.7	96.4		
Once			0.4	1.7	3.0	1.5		
Occasionally			0.8	2.2	3.0	1.6		

Frequently			0.3	0.5	1.2	0.5		
Subjected to racially or ethnically offensive remarks/names								
Never			97.5	87.1	81.1	90.4		
Once			1.3	7.4	8.9	5.0		
Occasionally			1.1	4.9	8.5	4.0		
Frequently			0.2	0.6	1.5	0.6		
Received lower evaluations or grades solely because of race or ethnicity rather than performance								
Never			99.3	95	90.4	96.6		
Once			0.5	2.6	4.1	1.7		
Occasionally			0.2	1.8	4.0	1.1		
Frequently			0.1	0.5	1.5	0.6		
Denied opportunities for training or rewards based on sexual orientation								
Never							99.7	96.8
Once							0.1	1.2
Occasionally							0.2	1.3
Frequently							0.1	0.7
Subjected to offensive remarks/names related to sexual orientation								
Never							99.2	78.2
Once							0.4	10.5
Occasionally							0.4	10.2
Frequently							0.1	1.1
Received lower evaluations or grades solely because of sexual orientation rather than performance								
Never							99.7	96.0
Once							0.1	2.1

Occasionally							0.1	1.4
Frequently							0	0.4